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PT0/98/21 (02 na) Approved for use through 97/31/2005, OMB 0651-9001 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF SOMMERCE Application Number 10/678,725 TRANSMITTAL Frimg Date FORM October 3, 2003 First Named Inventor Robert C. Lam (to be used for all correspondence after initial fiting) Art Unit 1771/Conf. #6124 Examiner Name Total Number of Pages in This Submission Attorney Docket Number <u>0117</u>0/00078 ENCLOSURES (Check all that apply) Fee Transmittal Form After Allowance communication Drawing(s) to Technology Center (TC) Fee Attached Appeal Communication to Board Licensing-related Papers of Appeals and Interferences Amendment/Repiv Petition Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final Provisional Application Proprietary Information Power of Attorney, Revocation Affidavits/declaration(s) Change of Correspondence Address Status Letter Extension of Time Request Other Enclosure(s) (please Terminal Disciaimer Identify below): Express Abandonment Request Request for Refund Return Postcard Information Disclosure Statement CD, Number of CD(s) Remarks Cartified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1-52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Charles R. Schaub, Esq. Individual name Emch, Schaffer, Schaub & Porcello Co., L.P.A. Signature Date CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as fix XXXx mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on Express Mail EV 439667051 US Typed or printed name Kathy A. Hower

This collection of information is required by \$1 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process); an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.1.4. This collection is estimated to 2 hours to complete, including gamening, proparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. CO NOT SEND FEES OR COMPLETED FORMS TO THIS

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| Practitioner's Docket No. 011  | 70/00078 PATENT  |
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| IN THE UNITED STATES   | S PATENT AND TRADEMARK OFFICE  |
| Patent application   |  |
| of   | <u></u> .  |
| £  | Inventor(s)  |
| for  | Title of invention   |
| the specification of which is being tra  | ansmitted herewith   |
|  | OR   |
| In re application of: Robert C. L  | .am  |
| Application No.: 0 10/678,725<br>Flied: October 3, 2003<br>For: ELASTIC AND POROUS FRICT<br>MATERIAL WITH HIGH AMOUN |  |
| Assistant Commissioner for Patents<br>Washington, D.C. 20231   | <b>5</b>   |
| INFORMATION  | DISCLOSURE STATEMENT   |
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|  | (type or print name of person certifying)                                  |
|  | (Information Disclosure Statement [6-1]—page 1 of                          |

NOTE: "An Information disclosure statement shall be considered by the Office if filed by the applicant within any one of the following time periods: (1) Within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); (2) Within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; (3) Before the mailing date of a first Office action on the merits; or (4) Before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114." 37 C.F.R. § 1.97(b). NOTE: "Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section." 37 C.F.R. § 1.56(a). "Individuals associated with the filing or prosecution of a patent application within the meaning of this section are: (1) each inventor named in the application; (2) each attorney or agent who prepares or prosecutes the application; and (3) every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application." 37 C.F.R. § 1.56(c). The "duty as described in § 1.56 will be met so long as the information in question was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98 before issuance of the patent." Notice of January 9, 1992, 1135 O.G. 13 -25 at 17. WARNING: "No information disclosure statement may be filed in a provisional application." 37 C.F.R. § 1.51(d). List<sup>k</sup>of Sections Forming Part of This Information Disclosure Statement The following sections are being submitted for this information Disclosure Statement: (check sections forming a part of this statement: discard unused sections and number pages consecutively) 1. Preliminary Statements 2. FORMS PTO/SB/08A and 08B (formerly FORM PTO-1449) 3. Statement as to Information Not Found in Patents or Publications ☐ Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Coples Are Submitted or Need Be Submitted 5. Cumulative Patents or Publications 6. Copies of Listed Information Items Accompanying This Statement 7. Concise Explanation of Non-English Language Listed Information Items ☐ EPO Search Report 7B. 

English Language Version of EPO Search Report Translation(s) of Non-English Language Documents Concise Explanation of English Language Listed Information Items (Optional) Identification of Person(s) Making This Information Disclosure Statement

(complete the following, if appropriate)

Sections , respectively, have been continued on ADDED PAGE(S).

NOTE: "Once the minimum requirements are met, the examiner has an obligation to consider the information."

Notice of April 20, 1992 (1138 O.G. 37-41, 37).

(Information Disclosure Statement [6-1]—page 2 of \_\_\_\_\_

## Section 1. Preliminary statements

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

(information Disclosure Statement — Section 1. Preliminary Statements [6-1] — page \_\_\_\_\_ of \_\_\_\_)

Copies of Listed Information Items Accompanying This NOTE: 37 C.F.R. § 1.98(a)(2) requires that any information disclosure statement filed under § 1.97 shall include: "A legible copy of: (i) Each U.S. patent application publication and U.S. and foreign patent; (ii) Each publication or that portion which caused it to be listed; (iii) For each cited pending U.S. application, the application specification including the claims, and any drawing of the application, or that portion of the application which caused it to be listed including any claims directed to that portion. . ." Legible copies of all items listed in Forms PTO/SB/08A and 08B (formerly Form PTO-1449) accompany this information statement. (complete the following, if applicable) Exception(s) to above: ltems in prior application, from which an earlier filing date is claimed for this application, as identified in Section 4. Cumulative patents or publications identified in Section 5.

(Information Disclosure Statement-Section 6. Copies of Listed Information Items Accompanying

This Statement [6-1]—page \_\_\_\_\_ of \_\_

## Section 10. Identification of Person(s) Making This Information Disclosure Statement

The person making this statement is (check each applicable Item) (a) 🔲 the inventor(s) who signs below SIGNATURE OF INVENTOR (type name of inventor who is signing) an Individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) SIGNATURE OF INVENTOR (type name of inventor who is signing) (c) (c) the practitioner who signs below on the basis of the Information: (check each applicable Item) supplied by the inventor(s). supplied by an individual associated with the filling and prosecution of this application. (37 C.F.R. § 1.56(c)) In the practitioner's file. Reg. No.: 27,518 Charles R. Schaub (type or print name of practitioner) Tel. No.: (419) 243-1294 3800 Automation Drive, Suite 100 Customer No.: P.O. Address Auburn Hills, MI 48326 (Information Disclosure Statement-Section 10. Identification of Person(s) Making This Information Disclosure Statement [6-1]—page \_\_\_\_\_ of \_\_

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|       | BANEDS for for                                | n 1449A   | /PTO    | Application Number     | 10/678,725      |  |
|       | INFORMATION DISCLOSURE STATEMENT BY APPLICANT |           |         | Filing Date            | October 3, 2003 |  |
|       |   |           |         | First Named Inventor   | Robert C. Lam   |  |
|       |   |           |         | Group Art Unit         |                 |  |
|       | (Use as many shee                             | ts as nec | essary) | Examiner Name          |                 |  |
| Sheet |   | of        |         | Attorney Docket Number | 01170/00078     |  |
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| Examiner<br>Initials | Cite                       | Document Number |            | Publication Date | Name of Patentee or Applicant<br>of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages |
|----------------------|----------------------------|-----------------|------------|------------------|--|---|
| Initials No.         | NumberKind Code (if known) |                 | MM-DD-YYYY |                  | or Relevant Figures Appear                         |   |
|                      |                            | US-             | 4,451,590  | 05/20/1984       | Fujimaki et al.                                    |   |
|                      |                            | US-             | 4,524,169  | 06/18/1985       | Wolff et al.                                       |   |
|                      |                            | US-             | 4,700,823  | 10/20/1987       | Winckler   |   |
|                      |                            | US-             | 5,083,650  | 01/28/1992       | Seiz et al.  |   |
| •                    |                            | US-             | 5,395,864  | 03/07/1995       | Miyoshi et al.                                     |   |
|                      | 1                          | US-             | 5,585,166  | 12/17/1996       | Kearsey  |   |
| -                    |                            | US-             | 5,646,076  | 07/18/1997       | Bortz  |   |
|                      | 1                          | US-             | 5,662,993  | 09/27/1997       | Winckler   |   |
|                      |                            | US-             | 5,707,905  | 01/13/1998       | Lam et al.   |   |
|                      | 1                          | US-             | 5,753,356  | 05/19/1998       | Lam et al.   |   |
|                      | 1                          | US-             | 5,816,901  | 10/06/1998       | Sirany   |   |
|                      |                            | US-             | 5,856,244  | 01/05/1999       | Lam et al.   |   |
| •                    | 1                          | US-             | 5,858,883  | 01/12/1999       | Lam et al.   |   |
|                      |                            | US-             | 5,952,249  | 09/14/1999       | Gibson et al.                                      |   |
|                      |                            | US-             | 5,958,507  | 09/28/1999       | Lam et al.   |   |
|                      |                            | US-             | 5,965,659  | 10/12/1999       | Smith et al.                                       |   |
|                      |                            | US-             | 5,989,375  | 11/23/1999       | Bortz  |   |
| · · · ·              |                            | US-             | 5,989,390  | 11/23/1999       | Lee  |   |
|                      | †                          | US-             | 5,998,307  | 12/07/1999       | Lam et al.   |   |

| FOREIGN PATENT DOCUMENTS |             |   |                             |  |   |   |  |  |
|--------------------------|-------------|---|-----------------------------|--|---|---|--|--|
| Examiner<br>Initials     | Cite<br>No. | Foreign Patent Document  Country Code-Number-Kind Code (if known) | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | Т |  |  |
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|       | Substitute for form 1449A/PTO  INFORMATION DISCLOSURE |           |                      | Application Number     | 10/678,725      |
| ,     |   |           |                      | Filing Date            | October 3, 2003 |
|       | STATEMENT BY APPLICANT                                |           | First Named Inventor | Robert C. Lam          |                 |
|       |   |           | Group Art Unit       |                        |                 |
|       | (Use as many shee                                     | ts as nec | essary)              | Examiner Name          |                 |
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|                   | U.S. PATENT DOCUMENTS |                 |                     |                             |   |   |  |  |
|-------------------|-----------------------|-----------------|---------------------|-----------------------------|---|---|--|--|
| Examiner Cite No. |                       | Document Number |                     | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages |  |  |
|                   | No.                   | NumberK         | ind Code (if known) | MINI-DD-1111                |   | or Relevant Figures Appear                        |  |  |
|                   |                       | US-             | 6,001,750           | 12/14/1999                  | Lam   |   |  |  |
| •                 |                       | US-             | 6,130,176           | 10/10/2000                  | Lam   |   |  |  |
|                   |                       | US-             | 6,194,059           | 02/27/2001                  | Yesnik  |   |  |  |
|                   |                       | US-             | 6,291,040           | 09/18/2001                  | Moriwaki et al.                                 |   |  |  |
| _                 |                       | US-             | 6,352,758           | 03/05/2002                  | Huang et al.                                    |   |  |  |
| -                 | 1                     | US-             | 6,387,531           | 05/14/2002                  | Bi et al.                                       |   |  |  |
|                   |                       | US-             | 6,601,321           | 08/05/2003                  | Kendall   |   |  |  |
| -                 | -                     | US-             | 6,630,416 B1        | 10/07/2003                  | Lam et al.                                      |   |  |  |
| •                 |                       | US-             | 10/234,976          | 09/04/2002                  | Chen et al.                                     |   |  |  |
|                   |                       | US-             | 10/233,318          | 08/30/2002                  | Chen et al.                                     |   |  |  |
|                   |                       | US-             | 10/218,019          | 08/13/2002                  | Lam et al.                                      |   |  |  |
| _                 |                       | US-             |                     | -                           |   |   |  |  |
|                   |                       | US-             |                     |                             |   |   |  |  |
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| FOREIGN PATENT DOCUMENTS   |  |  |                             |  |   |    |  |
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